

# 3D-PRINTED ANATOMICAL BONES



## Product Guidelines

---

→ Educational & Surgical Training Models

### DESCRIPTION

---

From basic anatomical study to advanced orthopedic instrumentation testing, we provide patient-specific solutions for every need. We utilize dual manufacturing technologies: cost-effective FDM for robust educational models and high-fidelity PolyJet for realistic surgical training phantoms that include cartilaginous structures, ligaments, and tendons.

### KEY FEATURES & PATHOLOGIES

---

- **Patient-Specific:** Every model can be generated from patient CT data to replicate unique pathologies (fractures, tumors, deformities) or physiological anatomy.
- **Versatility:** Capable of printing any skeletal structure on request—from small phalanges to full femurs or spinal columns.
- **Realistic Haptics (PolyJet):** Engineered to respond accurately to orthopedic power tools, producing realistic resistance and debris during drilling or cutting.
- **Comprehensive Pathologies:** Available in any pathological configurations.



### PRODUCT CATEGORIES

---



- cartilaginous tissue
- integrated cartilaginous structures (ligaments)



### WARNINGS AND SAFETY

---

**Intended Use:** This product is intended exclusively for educational and medical simulation purposes